

ABSTRACT OF THE DISCLOSURE

There are disclosed a profile producing method and a profile producing apparatus for producing a profile representative of the association between the colors on a color image and the color data in accordance with which the color image is outputted, in an output device such as a color printer and a printing machine for outputting color images in accordance with image data including color data. From among a plurality of existing profiles (tables), a suitable table is selected in accordance with an evaluation based on dot gains. A new profile is produced in accordance with the selected table and colorimetry data of a color chart involved in small number of patches.